TASSILO WALD
Rohrbacher Str.177, 69126 Heidelberg | +49 176 62467894 | tassilo.wald@gmail.com | 26.04.1994 | Germany

Curriculum Vitae:

Academic career:

04.2020 - current: **German Cancer Research Center (DKFZ),** Heidelberg

PhD Student in the Department for Medical Image Computing (MIC)

Central remarks:

- Understanding and Quantifying learned representations of deep neural networks
- Transferring knowledge between networks through model stitching
- Diversifying learned representations through regularization

04.2016 - 27.08.2019: **Karlsruhe Institute of Technology**, Karlsruhe

Masters student of electrical engineering and information theory

Graduation: Master of Science 04.2018 (Ø1,3)

Central remarks:

- Master thesis in computer vision (1,0): "Combination of Temporal and Spatial Information Extraction Within a CNN for Improving Object Detection"
- Specialization in control theory
- Specialization in machine learning

10.2012 – 04.2016: **Karlsruhe Institute of Technology**, Karlsruhe

Bachelor student of electrical engineering and information theory

Graduation: Bachelor of Science (Ø2,1)

Central remarks:

- Bachelor thesis in systems optimization (1,0): „Navigation and control of a flight robot with tiltable rotors using a LASER aided navigation system "
- Referent at 18th Conference of Young Scientist "Navigation and Motion Control" Topic: "Control optimization of a quadrotor with tiltable rotors"
- Participation in "International Workshop on Navigation and Motion Control" St. Petersburg – Russia
- Specialization in control theory

Practical experience:

Since 10.2019: **Student Assistant at Forschungszentrum Informatik (FZI)**, Karlsruhe

Central remarks:

- Research on multitask learning in the domain of Object Detection

12.2017 – 04.2018: **Internship at Bosch Japan**, Yokohama

Intern in the Engineering Application Product Department

Central remarks:

- Development of an analysis tool for brake assistant tests and validation in Python
- Development of a neural network classification approach for the brake assistant using Tensorflow

06.2015 – 12.2016: **Student Assistant at Institute of Systems Optimization (ITE)**, Karlsruhe

Central remarks:

- Software development in C++
- System integration
- Experimental setup und evaluation

Linguistic proficiency:

German	native language
English	very good, level C1 (CEFR)

Other qualifications:

Python	very good
Matlab – SimuLink	good
C++	very good

Heidelberg, 23. February 2023

TASSILO WALD